

Amendments To The Claims

This listing of claims will replace all prior versions, and listings, of the claims in the application:

Listing of Claims:

1. (cancelled)
2. (cancelled)
3. (cancelled)
4. (cancelled)
5. (cancelled)
6. (cancelled)
7. (cancelled)
8. (cancelled)
9. (cancelled)
10. (cancelled)
11. (previously presented) A lining for a furnace the lining having insulating material attached to an inside wall of the furnace, the insulating material in use having a hot face which faces inwardly of the furnace and a cold face at or adjacent the furnace wall, wherein a protective element is provided at least partially to cover the hot face, the protective element being secured relative to the hot face by a securing means which co-operates with a member which is embedded in the insulating material, wherein the furnace lining includes a plurality of individual blocks or modules of insulating material, each attached at the inside wall of the furnace, each module including a ceramic blanket which is folded into a block with the folds extending transversely to the furnace wall, and wherein the member which is embedded in the lining is embedded in at least one of the individual blocks so as to extend generally transversely to the folds.

12. (original) A lining according to claim 11 wherein the embedded member is embedded in the lining by being forced into the lining material and then being rotated.

13. (previously presented) A lining according to claim 12 wherein the embedded member includes a generally elongate part.

14. (previously presented) A lining according to claim 13 wherein the lining includes a ceramic blanket which is folded into a block, with the folds extending transversely to the furnace wall and the embedded member is forced into the insulating material with an elongate axis of the elongate part in an orientation generally aligned with the folds and is then rotated generally about an axis which is transverse to the elongate axis so that the elongate axis extends generally transverse to the folds.

15. (previously presented) A lining according to claim 13 wherein the embedded member is of at least a single plate construction and is made of a material which is sufficiently strong to resist pull-out forces.

16. (cancelled)

17. (cancelled)

18. (cancelled)

19. (cancelled)

20. (cancelled)

21. (cancelled)

22. (cancelled)

23. (cancelled)

24. (cancelled)

25. (cancelled)

26. (cancelled)

27. (cancelled)

28. (previously presented) A method of lining a furnace wall including the steps of attaching insulating material at or adjacent a wall of the furnace, the insulating material in use having a hot face which faces inwardly of the furnace and a cold face at or adjacent the furnace wall, and wherein the method includes embedding in the insulating material a member which is adapted to co-operate with a securing means, providing a protective element at least partially to cover the hot face, securing the protective element to the hot face by attaching the securing means to the embedded member, wherein the furnace is modular having a plurality of modules or blocks of insulating material, wherein the method includes covering a substantial part of the furnace wall by a plurality of protective elements each secured at the hot face of the insulating material to at least one individual module, by means including a securing means which co-operates with a member which is embedded in the insulating material, wherein the embedded member is embedded in the insulating material by forcing the member into the insulating material and then rotating the member, and wherein the method includes inserting the member to be embedded when in an orientation generally aligned with folds in the insulating material and then rotating the member so that the member extends transversely to the folds.

29. (cancelled)

30. (cancelled)

31. (cancelled)

32. (cancelled)

33. (previously presented) A method of repairing a lining of a furnace made by a method including the steps of attaching insulating material at or adjacent a wall of the furnace, the insulating material in use having a hot face which faces inwardly of the furnace and a cold face at or adjacent the furnace wall, and wherein the method includes embedding in the insulating material, a member which is adapted to co-operate with a securing means, providing a protective element at least partially to cover the hot face, securing the protective element to the hot face by attaching the

securing means to the embedded member and wherein the embedded member is embedded in the insulating material by forcing the member into the insulating material and then rotating the member, which repair method includes the steps of removing the securing means, removing at least a layer of the protective element, and securing at least a replacement protective element layer to the hot face of the insulating material by a securing means which co-operates with a member which is embedded in the insulating material.

34. (cancelled)

35. (cancelled)

36. (cancelled)

37. (cancelled)

38. (cancelled)